

IN THE CLAIMS:

Please cancel claim 14 without prejudice or disclaimer of the subject matter contained therein.

Please amend claims 3, 15, 16 and 18 as follows:

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3. (Twice Amended) The enclosure vent of claim 2 wherein the axially extending portion of the housing includes an annular shoulder spaced from the first and second openings thereof within the chamber for preventing axial movement of the filter media through the first opening of the housing and for sealing with the filter media and wherein the enclosure vent further includes a perforated lid having a plurality of openings, the perforated lid being attached to the housing for preventing axial movement of the filter media out of the second opening of the housing while allowing the passage of hydrogen gas therethrough.

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15. (Amended) The enclosure vent of claim 19 wherein the enclosure vent includes a perforated lid covering the filter media which is fixed over the chamber by direct contact with the housing.

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16. (Amended) The enclosure vent of claim 15 wherein the direct contact is a press fit between the lid and housing.

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18. (Amended) The enclosure vent of claim 1 wherein the enclosure vent is adapted for use with a stainless steel enclosure.

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Please add new claims 19 and 20.

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19. An enclosure vent adapted to vent hydrogen gas while controlling release of volatile organic compounds from an enclosure containing transuranic waste to an environment surrounding the enclosure while being resistant to corrosion from corrosive materials including chlorinated solvents, hydrochloric acid and nitric acid, the enclosure vent comprising:

a housing defining a chamber therein comprising a first opening adapted to communicate with said enclosure and a second opening adapted to communicate with the surrounding environment, the housing being made of a nickel, chromium, molybdenum alloy having a resistance to corrosion from said corrosive elements for at least 200 years, and

a unitary filter media disposed in said chamber between the first and second openings for venting hydrogen gas from the container, the filter media comprising a carbon-to-carbon filter for providing a hydrogen permeability greater than 10E-06 mol/S/mol fraction weight, a removal of 0.45 micron particles exceeding 99.00% at an air flow capacity less than 200 ml/min., at a pressure differential less than 1.0 inch, the unitary filter media being sealed with the housing by direct engagement with an annular edge on the housing which engages a bottom surface of the filter media to provide a carbon-to-carbon/nickel, chromium, molybdenum alloy knife edge seal between the filter media and housing.

20. The enclosure vent of claim 19 wherein the enclosure vent is adapted for use with a stainless steel enclosure.

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